PRIN: PROGETTI DI RICERCA DI RILEVANTE INTERESSE NAZIONALE – Bando 2022 PNRR Prot. PNRR22MAGN

PART A

1. Line of intervention

2. Research project title

Facsimile compilabile: PNRR 2022

3. Duration of the project (months)

24 months

4. Strategic emerging Topics - 5. Related Cluster

<table>
<thead>
<tr>
<th>Strategic emerging topic:</th>
<th>Cluster:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sub Cluster:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

6. Main ERC field

7. Other ERC field

8. ERC subfields
9. Keywords

<table>
<thead>
<tr>
<th>n°</th>
<th>Testo inglese</th>
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</thead>
</table>

10. Principal Investigator

<table>
<thead>
<tr>
<th>COGNOMEX</th>
<th>NOMEX</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Surname)</td>
<td>(Name)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Professore Associato non confermato</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Qualification)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>01/01/1950</th>
<th>CGNNMX50A41B880C</th>
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<tbody>
<tr>
<td>(Date of birth)</td>
<td>(Personal identification code)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>0516171454</th>
<th><a href="mailto:prin@cineca.it">prin@cineca.it</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>(Phone number)</td>
<td>(E-mail address)</td>
</tr>
</tbody>
</table>

Declarations

- [ ] I declare that I have not participated as PI in PRIN 2022 call (n. 104 02/02/2022)
- [ ] I declare that I have participated as associated PI in PRIN 2022 call (n. 104 02/02/2022)

Current funding and applications submitted

Age limits derogation

11. List of research units (RU)

<table>
<thead>
<tr>
<th>n°</th>
<th>Associated</th>
<th>Qualification</th>
<th>University/</th>
<th>Registered</th>
<th>Does</th>
<th>Operating</th>
<th>Contract</th>
<th>Declaration</th>
</tr>
</thead>
</table>

MUR - BANDO 2022 PNRR
1. COGNOMEX Nomex
   (Surname) (Name)

12. Substitute Principal Investigator (PI)* (To be identified among one of the associated PIs participating in the project).

13. Brief description of the proposal

14. Total cost of the research project identified by items

<table>
<thead>
<tr>
<th>Associated Investigator</th>
<th>item A.1</th>
<th>item A.2</th>
<th>item B</th>
<th>item C</th>
<th>item D</th>
<th>item E</th>
<th>item F</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>COGNOMEX Nomex</td>
<td>50.000</td>
<td>100.000</td>
<td>0</td>
<td>0</td>
<td>22.500</td>
<td>0</td>
<td>0</td>
<td>172.500</td>
</tr>
</tbody>
</table>

N.B. The Item D and TOTAL columns will be filled in automatically

- item A.1: enhancement of months/person of permanent and temporary employees
- item A.2: cost of contracts of non-employees, specifically to recruit
- item B: cost of equipment and tools
- item C: cost of consulting and other services
- item D: overhead
- item E: materials cost
- item F: other costs

**PART B**
B.1

1. State of the art

2. Detailed description of the project: methodologies, objectives, and results that the project aims to achieve; indicate deliverables and milestones outlining the project coherence as to the strategic themes, indicating clear and innovative objectives, setting out the project sector relevance and its positioning with reference to the state of art, describing the role and contribution of each research unit.

3. Detailed description of the project team and planning; indicating the research team components – PI and associated PIs - and their relative expertise/track record, gender equality of the composition, the interrelation and coherence of the team components. RUs- and the feasibility of the project, thus outlining the congruity between objectives, timing and costs.

4. Detailed description of the Project impact, as such; indicating knowledge improvements, technological innovation and/or industrial applications, scientific community reinforcement, level of research internationalization, dissemination and exploitation of the results.

5. Financial aspects: costs of each research unit

<table>
<thead>
<tr>
<th>n°</th>
<th>COGNOMEX Nomex</th>
<th>Funds of the Ministry of University and Research (euro)</th>
<th>172.500</th>
</tr>
</thead>
</table>

N.B. The fields will be filled in automatically.

6. Bibliography

7. Time schedule of the research activities (GANTT CHART)

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>ASSIGNED TO</th>
<th>I year</th>
<th>II year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>BIM. 1</td>
<td>BIM. 2</td>
</tr>
</tbody>
</table>

8. Time schedule of the expenses
### B.2

1. **Scientific Curriculum of the Principal Investigator**

2. **Scientific Curriculum of the associated PIs**

3. **Main Principal Investigator's scientific publications (Max. 20)**

4. **Main scientific publications of the associated PIs (Max. 20, for each associated PI)**

5. **Main staff involved (max 10 professors/researchers for each research unit, in addition to the PI or associated PIs), highlighting the expected time commitment**

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**List of the Research Units**

**Unit 1 - COGNOMEX Nomex**

**Personnel of the research unit**
Total cost of the research unit, per single item

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost (€)</th>
<th>I year</th>
<th>II year</th>
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<tbody>
<tr>
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<td>X</td>
<td>X</td>
</tr>
<tr>
<td>item A.2</td>
<td>100.000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>item C</td>
<td>22.500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>item D</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>item E</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>item F</td>
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<tr>
<td>Total</td>
<td>172.500</td>
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- item D: overhead
- item E: materials cost
- item F: other costs

Information on the new contracts for personnel to be specifically recruited

<table>
<thead>
<tr>
<th>n°</th>
<th>Associated or principal investigator</th>
<th>Number of expected research contracts</th>
<th>Number of expected PhD scholarships</th>
<th>Overall expected time commitment (months)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>COGNOMEX Nomex</td>
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<tr>
<td>Total</td>
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<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

6. Information on the new contracts for personnel to be specifically recruited

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7. PI “Do No Significant Harm (DNSH)” declaration, in compliance with article n. 17, EU Regulation 852/2020. (upload PDF)

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Date  (inserted by system at the closing of the application)